

ABSTRACT

A first camera (1) is provided behind a launch point (Ps), a second camera (2) is provided between the launch point (Ps) and a drop point (Pe), and a third camera (3) is provided before the drop point (Pe). The first camera (1) and the second camera (2) photograph a golf ball (G) from a back part. The third camera (3) photographs the golf ball (G) from a front part. First of all, the golf ball (G) is photographed by the first camera (1) and the third camera (3). The photographing of the first camera (1) is relayed to the second camera (2). Then, the golf ball (G) is photographed by the second camera (2) and the third camera (3). The angle of view of the first camera (1) is related to that of the second camera (2). Based on image data which are obtained by cameras, a coordinate position (x, z) of the golf ball (G) is calculated by a triangulation method.